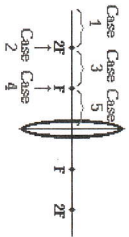


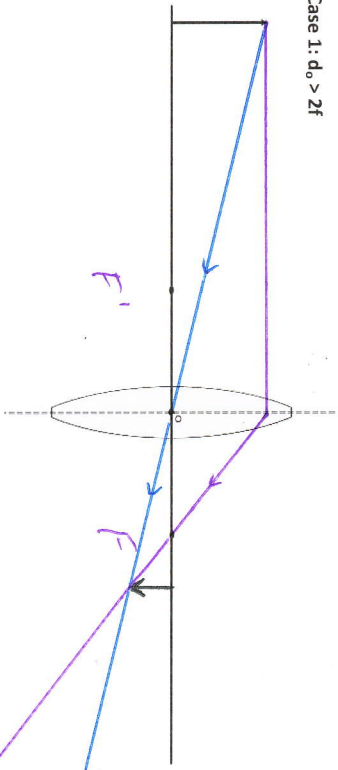
Converging Lenses – Worksheet

Just as we had 5 cases with converging mirrors, we have the following 5 cases with converging lenses:



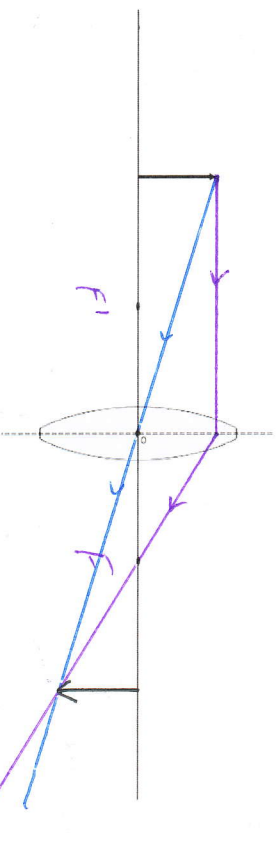
Find the following images of the objects for each of the 5 cases. Describe the images in the space provided.

Case 1: $d_o > 2f$



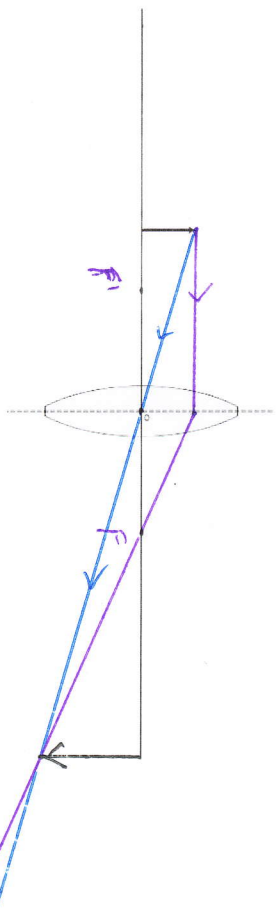
Characteristics of image (compared to object):
Size: *Smaller* Position: *Beyond F* Orientation: *Inverted* Type: *Real*

Case 2: $d_o = 2f$



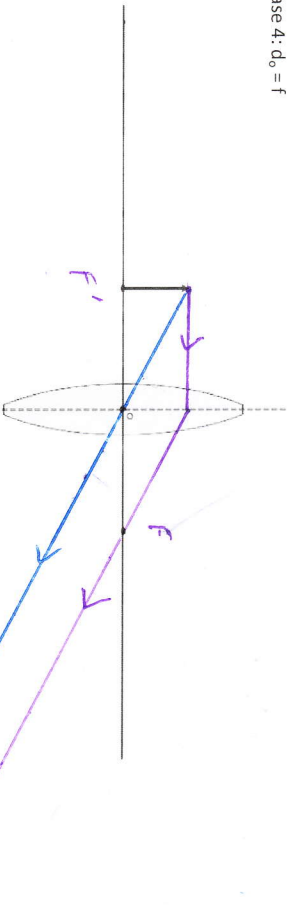
Characteristics of image (compared to object):
Size: *Same size* Position: *Beyond F* Orientation: *Inverted* Type: *Real*

Case 3: $2f > d_o > f$



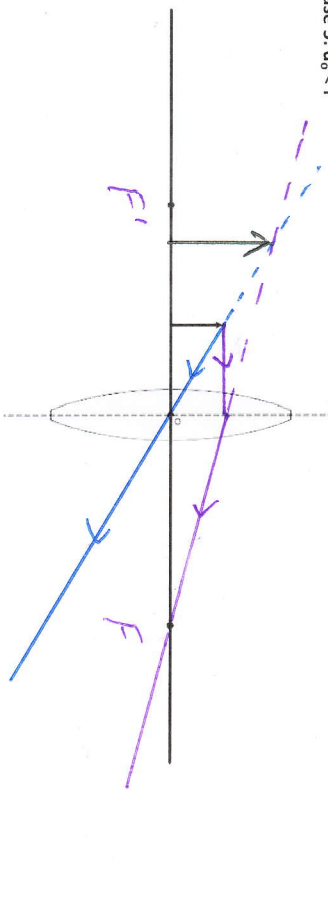
Characteristics of image (compared to object):
Size: *Larger* Position: *Beyond F* Orientation: *Inverted* Type: *Real*

Case 4: $d_o = f$



Characteristics of image (compared to object):
Size: *At Infinity* Position: *At Infinity* Orientation: *No image* Type: *At Infinity*

Case 5: $d_o < f$



Characteristics of image (compared to object):
Size: *Larger* Position: *Between F and O* Orientation: *Upright* Type: *Virtual*